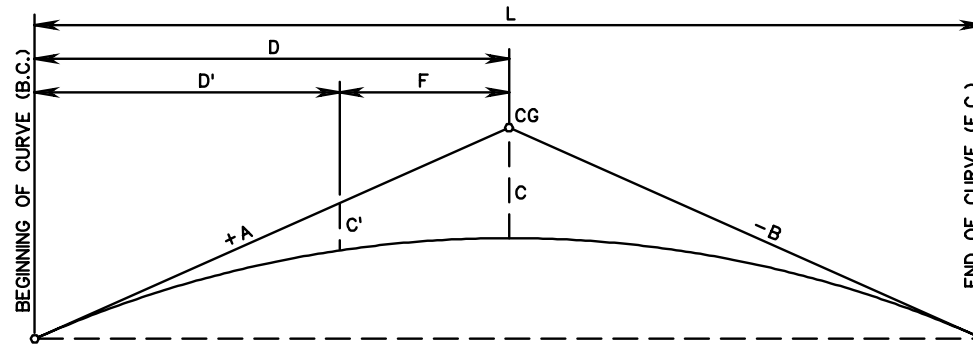## PARABOLIC VERTICAL CURVE

C.G. = POINT OF CHANGE OF GRADIENT

C = CENTER CORRECTION

C' = CORRECTION AT ANY GIVEN POINT ON CURVE

D = L/2 = HALF LENGTH OF VERTICAL CURVE

D' = DISTANCE TO POINT WHERE CORRECTION IS REQUIRED FROM BEGINNING OR END OF CURVE

$$C = \frac{\text{ALG. DIFF. X LENGTH OF CURVE IN STATIONS}}{8}$$

$$C' = C \left(\frac{D'}{D}\right)^2$$

SPECIFICATION REFERENCE	PARABOLIC VERTICAL CURVE COMPUTATIONS	VDOT
		ROAD AND BRIDGE STANDARDS
		REVISION DATE SHEET 1 OF 1
	VIRGINIA DEPARTMENT OF TRANSPORTATION	A-3